

ABSTRACT OF THE DISCLOSURE

Tires of wheels of a vehicle incorporate detectors that detect the pneumatic pressures and transmit them wirelessly to a plurality of receivers installed on the vehicle. A monitoring device monitors the pneumatic pressures in the tires based on the tire data obtained by the receivers. The receivers and the monitoring devices are connected together through a single communication line, and the monitoring device obtains tire data from the receivers by polling. For each receiver, a receiver ID necessary for the communication with the monitoring device of the vehicle-side is set through a connector that connects the single communication line and the power source line to the receiver.